

## Infrared Pointer Illuminator Module (IPIM)



The Infrared Pointer Illuminator Module (IPIM) provides the Soldier with highly accurate, laser-aiming capability during darkness at maximum firing distances when used in conjunction with appropriate image intensification devices.

The IPIM is a Class IIIB laser system with an IR Aiming laser, an IR Illuminating laser with adjustable focus, a visible, red dot-aiming laser and white light flashlight. The aiming lasers allow the warfighter to precisely aim a weapon. The IR laser is are intended for use with night vision devices and can be used as a hand held illuminator/pointer, or can be weapon-mounted with included hardware.

### Performance Characteristics

**Range, IR Laser:** 600 meters low power/2,000 meters high power

**Range Vis Laser:** > 25 meters in day-light but not direct sunlight

**Weight:** 11 ounces

**Power:** 2 DL 123A batteries

**Operational Time:** 15-hour minimum with both IR lasers on high, 1 hour with white light constant on

**Laser Classification:** IR Low power: IIIa, High Power: IIIb, Visible High/Low: IIIa

**Accuracy:** 0.5 mrad

**Beam Width:** Aim Laser: < 2 centimeters at 25 meters  
Illuminator: variable to 105 mrad

#### Infrared Aim Laser:

**Output Wavelength:** 830 nano-meters (+20, -10 nano-meters)

**Low Power:** 600 microwatts peak (+/- 100 microwatts)

**High Power:** 25 milliwatts (+/- 10 milliwatts)

**Beam Divergence:** 0.5 mrad ( $\pm$  0.3 mrad)

#### Infrared Illuminator:

**Output Wavelength:** 830 nano-meters (+20, -10 nano-meters)

**Low Power:** 3.5 milliwatts (+/- 2.90 milliwatts )

**High Power:** 30 milliwatts (+50%,-20%)

**Visible Aim Laser:** Wavelength – 605-665 nano-meters

**Beam Divergence:** 0.5 mrad

**White Light:** > 60 lumens